

ggc tcc cgg tgg aga cga tca gac atc ctg gcc cac gag gct atg gga 192
Gly Ser Arg Trp Arg Arg Ser Asp Ile Leu Ala His Glu Ala Met Gly
50 55 60

gat acc ttc ccg gat gca gat gct gat gaa gac agt ctg gca ggc gag 240
 Asp Thr Phe Pro Asp Ala Asp Ala Asp Glu Asp Ser Leu Ala Gly Glu
 65 70 75 80

ctg gat gag gcc atg ggg tcc agc gag tgg ctg gcc ctg acc aag tca 288
 Leu Asp Glu Ala Met Gly Ser Ser Glu Trp Leu Ala Leu Thr Lys Ser
 85 90 95

ccc cag gcc ttt tac agg ggg cga ccc agc tgg caa gga acc cct ggg 336
 Pro Gln Ala Phe Tyr Arg Gly Arg Pro Ser Trp Gln Gly Thr Pro Gly
 100 105 110

gtt ctt cgg ggc agc cga gat gtc ctg gct ggc ctt tcc agc agc tgc 384
 Val Leu Arg Gly Ser Arg Asp Val Leu Ala Gly Leu Ser Ser Ser Cys
 115 120 125

tgc aag tgg ggg tgt agc aaa agt gaa atc agt agc ctt tgc tag 429
 Cys Lys Trp Gly Cys Ser Lys Ser Glu Ile Ser Ser Leu Cys *
 130 135 140

<210> 2

<211> 142

<212> PRT

<213> Homo sapiens

<400> 2

Met Ala Arg Tyr Met Leu Leu Leu Leu Ala Val Trp Val Leu Thr
 1 5 10 15
 Gly Glu Leu Trp Pro Gly Ala Glu Ala Arg Ala Ala Pro Tyr Gly Val
 20 25 30
 Arg Leu Cys Gly Arg Glu Phe Ile Arg Ala Val Ile Phe Thr Cys Gly
 35 40 45
 Gly Ser Arg Trp Arg Arg Ser Asp Ile Leu Ala His Glu Ala Met Gly
 50 55 60
 Asp Thr Phe Pro Asp Ala Asp Ala Asp Glu Asp Ser Leu Ala Gly Glu
 65 70 75 80
 Leu Asp Glu Ala Met Gly Ser Ser Glu Trp Leu Ala Leu Thr Lys Ser
 85 90 95

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<210> 3
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Cysteine motif

<221> VARIANT
<222> (3)...(13)
<223> Each Xaa is independently any amino acid residue
        except cysteine.

<400> 3
Leu Cys Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
1              5              10

<210> 4
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Motif

<221> VARIANT
<222> (3)...(5)
<223> Each Xaa is independently any amino acid residue
        except cysteine.

<221> VARIANT
<222> (4)...(14)
<223> Each Xaa is independently any amino acid residue
        except cysteine.

<400> 4

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Cys Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys
1 5 10 15

<210> 5
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Motif

<221> VARIANT
<222> (2)...(4)
<223> Each Xaa is independently any amino acid residue
except cysteine.

Arg Xaa Xaa Xaa Arg
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<210> 6
<211> 426
<212> DNA
<213> Artificial Sequence

<223> Degenerate polynucleotide sequence encoding the polypeptide of SEQ ID NO:2.

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<221> variation
<222> (1)...(426)
<223> Each N is independently A, T, G, or C.
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cncggngcnc	argcncmgnc	gncncncntat	ggngtngmny	ntngyggngmg	ngarttyath	120
mgngcngtna	thttyacntg	yggnggrwnsn	mngttggmgn	gnwsngayat	hytngcncay	180
gargcncatg	gngayacntt	yccngaygcn	gaycgngayg	argaywsnyt	ngcnggngar	240
ytngaygarg	cnatgggwns	nwsngartgg	ytngcnytna	cnaarwsncc	ncargcntty	300
taymgnggm	gncncwsntg	gcarggnacn	ccngngntny	tnmgnggnws	nmngngaygt	360
ytngcnggny	tnwsnwsnws	ntgytgyaar	tgggngtgyw	snaarwsnga	rathwsnwsn	420
ytntgy						426

<211> 25

<213> Artificial Sequence

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<223> oligonucleotide ZC9736

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25

<210> 8

<211> 25

<212> DNA

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<223> oligonucleotide ZC9740

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25

<210> 9

<211> 55

<212> DNA

<213> Artificial Sequence

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<223> Exon 1 sense oligonucleotide primer

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<210> 10

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<212> DNA

<213> Artificial Sequence

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<223> Exon 1 antisense oligonucleotide primer

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<210> 12
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<220>
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